

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/631,069	MARAPPAN, KUMAR	
	Examiner	Art Unit	
	Hung v Duong	2835	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/10/2005.
2. ☒ The allowed claim(s) is/are 1,3,4 and 6-12.
3. ☒ The drawings filed on 31 July 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

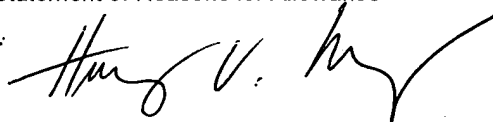
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|---|



**HUNG VAN DUONG  
PRIMARY EXAMINER**

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claims:

1. (Currently Amended) An apparatus for holding an electronic device, said electronic device including an infrared (IR) port arranged to receive IR signals, said apparatus comprising: means for holding the electronic device in place relative to said apparatus; and a movable IR port, said movable IR port being selectively movable relative to said electronic device for positioning said movable IR port relative to said IR port of said electronic device whereby said movable IR port is enabled to transmit IR signals to said IR port of said electronic device, said apparatus further including means for selectively maintaining a position of said movable IR port relative to said IR port of said electronic device, said means for selectively maintaining comprises a flexible conduit capable of retaining a shape in which said flexible conduit is arranged.

2. Cancelled

3. (Currently Amended) The apparatus as set forth in claim 1 wherein said movable IR port is connected to a terminal port of said apparatus, said terminal port being arranged for connection to an external input system whereby input from said external input system is transmitted from said movable IR port to said IR port of said electronic device.

4. (Original) The apparatus as set forth in claim 3 wherein said external input system is a keyboard device.

5. Cancelled.

6. (Currently Amended) The apparatus as set forth in claim 1 wherein said flexible conduit includes means connecting said movable IR port with said terminal port.

7. (Original) The apparatus as set forth in claim 1 and further including a reflective device positioned relative to said movable IR port and said IR port of said electronic device such that IR signals from said movable IR port of said electronic device such that IR signals from said movable IR port are reflected by said reflecting device to said IR port of said electronic device.

8. (Original) The apparatus as set forth in claim 7 wherein said reflecting device is selectively adjustable to reflect IR signals from said movable IR port to said IR port of said electronic device.

9. (Original) The apparatus as set forth in claim 8 wherein said movable IR port is mounted on a movable arm, said movable arm being arranged to slide along a track of said apparatus to position said movable IR port at various positions along one dimension of said electronic device.

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10. (Original) The apparatus as set forth in claim 9 and further including means arranged for connection to a power supply for supplying power to electrical components within said apparatus.

11. (Currently Amended) A system comprising: an electronic device capable of receiving infrared (IR) signals; and an apparatus for holding said electronic device, said apparatus comprising: means for holding said electronic device in place relative to said apparatus; and a movable IR port, said movable IR port being selectively movable relative to said electronic device whereby said movable IR port is enabled to transmit IR signals to said IR port of said electronic device, said apparatus further including means for selectively maintaining a position of said movable IR port relative to said IR port of said electronic device, said means for selectively maintaining comprises a flexible conduit capable of retaining a shape in which said flexible conduit is arranged.

12. (Original) The system as set forth in claim 11 and further including a keyboard device connected to said apparatus whereby signals generated at said keyboard device are transmitted through said movable IR port of said apparatus to said IR port of said electronic device.

***Allowable Subject Matter***

2. Claims 1, 3-4, 6-12 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

the allowability recites at least in part: the means for selectively maintaining comprises a

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flexible conduit capable of retaining a shape in which the flexible conduit is arranged or that a reflective device positioned relative to the movable IR port and the IR port of the electronic device such that IR signals from the movable IR port are reflected by the reflecting device to the IR port of the electronic device.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung v Duong whose telephone number is 571-272-2041. The examiner can normally be reached on M-F from 8:30 to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Field can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

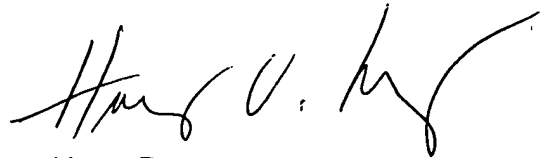
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you

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have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HVD

3/17/05

A handwritten signature in black ink, appearing to read 'Hung V. Duong', with a long horizontal flourish extending to the right.

Hung Duong  
Primary Examiner